

## Statement on ECOLABEL compliance for rinse-off cosmetic products

Compliance to **Commission Decision 2014/893/EU** establishing the ecological criteria for the award of the EU Ecolabel under Regulation 66/2010

### *To whom it may concern*

**Product: Phenoxyethanol (preservative) - OVL07 / Phenoxyethanol (conserveermiddel) - OVL07**

<b>Appearance</b>	Liquid
<b>Usage</b>	Preservative

### **Product composition:**

<b>Chemical Name</b>	<b>INCI Name</b>	<b>CAS n°</b>	<b>EINECS n°</b>	<b>%</b>	<b>Function</b>	<b>DID n° v.2014.1</b>
2-phenoxyethanol	Phenoxyethanol	122-99-6	204-589-7	100,00	Preservative	2419

**Phenoxyethanol (preservative) - OVL07 is compliant to Commission Decision 2014/893/EU.**

It can be used in rinse-off cosmetic products intended to be awarded the EU Ecolabel.

Please see the following pages for further explanation.

For the purpose of the Decision, the following **definition** shall apply:

*'ingoin substances'* means preservatives, fragrances and colorants, regardless of the concentration, and other substances intentionally added, by-products and impurities from raw materials, the concentration of which equals or exceeds 0.010 % by weight of final formulation.

### **Criterion 1 — Toxicity to aquatic organisms: Critical Dilution Volume (CDV)**

The CDV is calculated using the following equation:

$$CDV = \sum CDV (\text{ingoin substance } i) = \sum \text{weight } (i) \times DF (i) \times 1000 / TF \text{ chronic } (i)$$

Where:

**weight (i)** is the weight of the ingoin substance (in grams) per 1 gram of AC (i.e. normalised weight contribution of the ingoin substance to the AC)

**DF (i)** is the degradation factor of the ingoin substance

**TF chronic (i)** is the toxicity factor of the ingoin substance (in milligrams/litre)

**The values of DF and TF chronic shall be as given in the DID list-part A.**

**If the ingoin substance is not included in the DID list-part A, the applicant shall determine the values using the guidelines described in the DID list-part B and attaching the associated documentation.**

All the ingoin substances are listed in the DID list-part A.

### **Criterion 2 — Biodegradability**

#### **a) Biodegradability of surfactants**

Not concerned

#### **b) Biodegradability of organic ingoin substances**

For both surfactants and aNBO and anNBO values, reference shall be done to the DID list.

For ingoin substances which are not included in the DID list, the relevant information from literature or other sources, or appropriate test results, showing that they are aerobically and anaerobically biodegradable shall be provided. In the absence of documentation in accordance with the above requirements, an ingoin substance other than a surfactant may be exempted from the requirement for anaerobic degradability if one of the following three alternatives is fulfilled:

1. Readily degradable and has low adsorption ( $A < 25\%$ );
2. Readily degradable and has high desorption ( $D > 75\%$ );
3. Readily degradable and non-bioaccumulating.

<b>INCI Name</b>	<b>Readily biodegradable in aerobic conditions</b>	<b>Biodegradable in anaerobic conditions</b>
<b>Phenoxyethanol</b>	Yes	Not tested

### Criterion 3 — Excluded or limited substances and mixtures

#### a) Specified excluded ingoing substances and mixtures

*The following ingoing substances and mixtures shall not be included in the product, neither as part of the formulation nor as part of any mixture included in the formulation:*

Excluded ingoing substances and mixtures	Presence in Phenoxyethanol
Alkyl phenol ethoxylates (APEOs) and other alkyl phenol derivatives	No <sup>(1)</sup>
Nitrilo-tri-acetate (NTA)	No <sup>(1)</sup>
Boric acid, borates and perborates	No <sup>(1)</sup>
Nitromusks and polycyclic musks	No <sup>(1)</sup>
Octamethylcyclotetrasiloxane (D4)	No <sup>(1)</sup>
Butylated Hydroxi Toluene (BHT)	No <sup>(1)</sup>
Ethylenediaminetetraacetate (EDTA) and its salts and non-readily biodegradable phosphonates	No <sup>(1)</sup>
The following preservatives: triclosan, parabens, formaldehyde and formaldehyde releasers	No <sup>(1)</sup>
The following fragrances and ingredients of the fragrance mixtures: Hydroxyisohexyl 3-cyclohexene carboxaldehyde (HICC), Atranol and Chloroatranol	No <sup>(1)</sup>
Micro-plastics	No <sup>(1)</sup>
Nanosilver	No <sup>(1)</sup>

(1): "No" indicates that these substances are not intentionally added components of our product according to its recipe and as supplied by Manufacturer. To the best of our knowledge, a formation of these components during manufacturing and handling of our product is not probable and therefore a presence in the product is not expected.

#### b) Hazardous substances and mixtures

*The applicant shall demonstrate compliance with criterion 3(b) for any ingoing substance or mixture present at concentrations greater than 0,010 % in the product.*

INCI Name	Substance not classified with the hazard statements or risk phrases specified in Table 3 of Decision 2014/893/EU	Substance exempted following Table 4 of Decision 2014/893/EU	Substance exempted because its concentration is <0.01% in the final formulation
Phenoxyethanol	Yes	No	No

#### c) Ingoing substances listed in accordance with Article 59(1) of Regulation (EC) No 1907/2006

Our product does not contain SVHC.  
See attached SVHC statement.

**d) Fragrances**

Not concerned

**e) Preservatives**

*(i) Preservatives in the product shall not release or degrade to substances that are classified in accordance with the requirements of criterion 3(b).*

*(ii) The product may contain preservatives provided that they are not bioaccumulating. A preservative is not considered bioaccumulating if  $BCF < 100$  or  $\log Kow < 3,0$ . If both BCF and log Kow values are available, the highest measured BCF value shall be used.*

INCI Name	BCF	Log Kow (KOWWIN program v.1.68)	Not bio-accumulable
Phenoxyethanol	Not available	1.1	Yes

**f) Colorants**

Not concerned

**Criterion 4 — Packaging**

Not concerned

**Criterion 5 — Sustainable sourcing of palm oil, palm kernel oil and their derivatives**

Not concerned